

Proposal Criteria Matrix

View the video segments on the CD-ROM and use the databases to learn about the three infectious diseases addressed by the proposal. Make notes in the table below about the magnitude of each situation and the effectiveness of each plan.

Proposal Criteria Matrix

Proposal	Criteria	
	What Is the Magnitude of the Situation?*	How Effective Is the Plan?**
Proposal 1—AIDS Produce and distribute drugs to HIV-positive individuals.		
Proposal 2—Measles Produce and distribute vaccine to susceptible people.		
Proposal 3—VRSA Infections Develop new drug therapies against <i>Staphylococcus aureus</i> .		

***To determine magnitude, ask yourself questions such as the following:**

- How many people are affected by the disease? Who are they? Where are they?
- What are the consequences of having the disease, both for the affected individual and for society? How serious are the consequences?

****To determine effectiveness, ask yourself questions such as the following:**

- Is there a treatment for the disease? How effective is it? Are there any problems with the treatment?
- Are there preventive measures for the disease? How effective are they? Are there any problems with the preventive measures?
- Is there a way to get the treatment or preventive measures to those who are affected?
- What are the costs of the treatment or the preventive measures? What is the cost of delivering treatment or enforcing the preventive measures?
- If there is no treatment or prevention, is there a plan for developing an effective treatment or prevention that is likely to be successful?

Proposal Summary Matrix

Review the notes you made on the *Proposal Criteria Matrix*. Place checkmarks in the matrix below to indicate the magnitude and level of effectiveness of each of the three proposals. Use the following scale:

- ✓ = low magnitude/effectiveness
- ✓✓ = intermediate magnitude/effectiveness
- ✓✓✓ = high magnitude/effectiveness

Below the matrix, write the name of the proposal you recommend for funding and the reason for recommending that proposal instead of the others.

Proposal Summary Matrix

Proposal	Criteria	
	What Is the Magnitude of the Situation?	How Effective Is the Plan?
Proposal 1—AIDS		
Proposal 2—Measles		
Proposal 3—VRSA Infections		

Proposal recommended for funding:

Reasons for recommendation:

Reflection Questions

- 1. How did understanding the biology of infectious diseases help you make your decision?**
- 2. What else did you consider in making your decision?**